



High Performance Pre-Blended Bedding Mortar

tuffbau's tuffbed is a high performance, naturally pure hydraulically bedding mortar, pre-blended with aggregate that needs only to have water added and be thoroughly mixed.

Bedding depths of between 15 mm to 50 mm may be placed in a single layer.

Greater depths may be accommodated by placing successive layers.

tuffbed is shrinkage compensated, reducing the risks of failure associated with building permanent stress into new pavement structures, the inevitable result of excessive shrinkage.

The elastic modulus of tuffbed is optimised to provide the correct supporting stiffness whilst continually absorbing the thermal and dynamic stresses inherent in all pavement structures.

tuffbed complies with or exceeds the performance requirements of BS7533- 7 & BS7533-12. Typical water to add approx. 3 to 4 litres for each complete 25kg sack of product, depending on desired slump for particular application. BS7533-4 recommends a 150mm slump when laying paving slabs.

Storage life is twelve months in bone dry conditions (and product can remain fit for use if maintained in a dry powder form, with negligible deterioration of the all-natural ingredients) tuffbed is supplied as a bagged dry product packed in moisture resistant bags, to be mixed with water on site.

For an enhanced adhesion bond between the bedding layer and the underside of the paving elements, and the supporting layer beneath, the application of tuffbond priming mortar will ensure final compliance with the British Standard.

Technical Specification

Colour	Grey
Packaging	Bag
Packaging weight	25 kg
Bed depth range	15-50 mm
Typical water used	3-4 litres per 25 kg
Typical coverage	15 mm: 27 kg/m ² 30 mm: 54 kg/m ² 50 mm: 90 kg/m ²
Packages per pallet	40
Pallet quantity	1 tonne
Working time	40 min at 10°C 30 min at 20°C
Working temperature	2-30°C
Compressive strength (20°C)	14 days: ~25 N/mm ² 28 days: ~35 N/mm ²
Modulus of elasticity	14,000 - 18,000 N/mm ²
Permeability	2 x 10 ⁻⁴ m/s
Storage life	12 months from manufacture date
NBS sections	M10 Q24 Q25
Compliance	BS 7533
Uniclass 2015	Pr 20 31 53 61 Paving Laying Course Mortars



Steintec[®]
high performance paving mortars

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